
JULY25, 2013 BID LETTING

201 - ARROW CREEK SLIDE REPAIR/MT 11-1 & ARROW CREEK - SOUTH

-1-

Addendum:

Submitted: Fri, 19-Jul-2013 11:40 MDT

An Addendum has been posted for this project. Please click on the following link to access the information:

[ADDENDUM](#)

To download the addendum bid file, click here: [BID FILES](#)

-1-

Clarification:

Submitted: Thu, 18-Jul-2013 07:57 MDT

The files linked below represent the as-built drawings for the structures.

MDT provides them for informational

purposes only. They do not include drawings for modifications to the

structures, such as joint replacements

and guardrail revisions and may not completely represent current conditions.

Thus, some of the information

contained in these documents may be out of date or not applicable with regard to the advertised project. The

contractor should not rely solely on the as-built drawings provided for

bidding purposes nor does any data in

these files supersede the data in the contract documents. [AS-BUILT DRAWINGS](#)

-1-

Submitted: Fri, 28-Jun-2013 14:51 MDT

Company: Donald B. Murphy Contractors, Inc.

Contact: Tom Armour

Question:

Is a pre-bid job walk and meeting scheduled for this project? If so, what is the date and time of this meeting?

Answer:

Submitted: Mon, 01-Jul-2013 11:18 MDT

The Department is not conducting a pre-bid meeting for this project.

However, refer to Specification 102.06 for

examination of the work site requirements.

-2-

Submitted: Fri, 28-Jun-2013 14:53 MDT

Company: Donald B. Murphy Contractors, Inc.

Contact: Tom Armour

Question:

We would like to schedule a time to review and pick up additional

geotechnical information. Please provide

a phone numbr for us to contact to arrange a mutually convenient appointment.

Answer:

Submitted: Wed, 03-Jul-2013 10:30 MDT

Attached are PDF Files of the available project alignment and/or structures geotechnical report(s) and, geotechnical report supplements. There is remaining geotechnical information that is voluminous and very difficult to compile in a concise manner.

Contractors are welcome to come to MDT Headquarters to inspect soil and/or rock samples taken for the project that are stored here or to look through the complete set of Geotechnical field investigation notes, laboratory testing, analytical, or other data in our project files. This project was completed by consultants, therefore additional geotechnical information is located at both the MDT headquarters location and the consultant location. Please contact Jeff Jackson at 406-444-3371 to arrange and schedule a time for reviewing additional information.

It should be noted that the project may have undergone significant changes during the design process after the original geotechnical report and supplements were issued. Thus, some of the information contained in these documents may be out of date or not applicable with regard to the advertised project. Some of the changes include, but are not limited to: Project splits (for funding, ROW issues, etc.); alignment and grade changes; and changes due to environmental factors (sensitive areas, etc.).

The documents can be found at: [GEOTECH REPORTS](#)

-3-

Submitted: Thu, 11-Jul-2013 09:09 MDT

Company: Donald B. Murphy Contractors, Inc.

Contact: Tom Armour

Question:

1. In the Measurement and Payment clauses of Special Provision 36, it is stated that Post-Tensioned Anchor Verification and Performance Tests will be paid for on a per each basis. However, no bid item is included in the bid schedule. Will MDT create such a bid item?
2. Bid Item 552 010 554 includes a quantity of 40,144 LF. The plans do not appear to include a schedule showing the length of the anchors by each location. How was this quantity developed? Please furnish a takeoff or anchor schedule for use by the bidders.
3. What is the specified anchor lock off load?
4. Is it possible to reduce the anchor block size to 8' x 8' for more ease of handling and transport?

Answer:

Submitted: Mon, 15-Jul-2013 12:48 MDT

Updated Answer:

Submitted: Fri, 19-Jul-2013 10:00 MDT

1. A bid item named PERFORMANCE TEST, with a quantity of ~~25.00~~ 29.00, measured and paid per EACH will be added by Addendum to the contract.

2. 40,144 LF is based on a 30' minimum embedment into the in-situ claystone surface which was estimated based on boring information. Calculation support is provided below.

SUMMARY-ANCHORS AND BLOCKS

3. 350-Kips

4. Anchor block size was based on reasonable/conservative clay shear strength near slope face with a factor of safety consistent with the overall analysis. The Contactor may propose alternative anchor block treatment through MDT's Value Engineering process if desired.

-4-

Submitted: Thu, 11-Jul-2013 16:51 MDT

Company: Hayward Baker Inc

Contact: Tom Szynakiewicz

Question:

How do I obtain the Geotechnical Investigation Report for the North and South Slides as referenced in the bid documents?

Answer:

Submitted: Fri, 12-Jul-2013 10:28 MDT

The Geotech reports have been posted, see answer for Question No. 2. If you have any further questions please contact Jeff Jackson at 406-444-3371.

-5-

Submitted: Fri, 12-Jul-2013 15:20 MDT

Company: Donald B. Murphy Contractors, Inc.

Contact: Tom Armour

Question:

1) Slide Stability - A common consideration for completing a slide repair project is whether the slide will remain stable during the construction process. Can it withstand the excavation, drilling, and grouting process without failing. Drilling with pressurized air can have impact on a slide mass stability. Has MDT reviewed if the current stability of the slide is adequate to withstand the installation of the designed system without movement of consequence? Would it be beneficial to install some drains prior to start of this work to improve initial stability?

2) Depth to Bedrock - The anchors are to be founded in the claystone bedrock. The depth to the bedrock is said to be variable and uncertain, and it is left to the contractor to determine the necessary anchor unbounded lengths. This is difficult to accomplish in sequence with installation of the work without impacting the work schedule. It would be best to include a conservative estimate for the anchor unbounded lengths so that the anchors can be properly priced. Excess tendon length can be cut off if the rock is encountered at a more shallow depth. Has MDT considered this in their anchor bid schedule quantity?

3) Work Sequence - The work sequence described in the documents is to complete and backfill one row of anchors before starting excavation on the next row down. This one row at a time sequence will greatly extend the time to complete the work. Sequencing to allow continuous installation of the anchors would greatly benefit the work schedule and cost. Is the anchor contractor able sequence work to allow continuous anchor installation in subsequent lower rows?

Answer:

Submitted: Thu, 18-Jul-2013 07:47 MDT

1) MDT and the consultant did consider the potential for movement during construction and have provided the GEOTECHNICAL ADVISORY specification to emphasize conditions and special considerations for the contractor prior to and during construction. The use of drains during the anticipated construction duration (fall/winter) is perceived as not having significant benefit to constructability, as the soils will have had a lengthy duration to respond to the spring and early summer precipitation/infiltration, and phreatic surfaces are not expected to be at critical levels. In addition, drains in these materials are often only marginally successful for various reasons. However, the flattening of slopes prior to installation of anchors is perceived as a measure to ease construction and reduce the impacts associated with other construction activities.

2) MDT and the consultant do feel the estimated anchor lengths are reasonably conservative based on available drilling data and laboratory testing from which bond stress was inferred. The claystone bedrock surface, except at the borings themselves, has been interpolated in a straight-line manner as is typical for such investigation work.

3) The work sequence provided in the GEOTECHNICAL ADVISORY specification is not intended to be limiting, but instead provide the Contractor a basis of understanding for developing their bid and evaluating a construction plan/regime which does not compromise the intention of the design or destabilize the work environment in which the Contractor will be working. The top-down progression is a logical sequence to obtain and promote the reactive forces needed to produce the desired results. There are likely alternatives the Contractor may envision from experience that could provide for expedited construction and perhaps even enhance the desired results. Working from opposite ends of the rows, for example, would be a logical approach to expediting construction. Contractor experience is foreseen as an invaluable resource to finding innovating means and methods to construct this project.

-6-

Submitted: Tue, 16-Jul-2013 08:43 MDT
Company: Hayward Baker Inc
Contact: Tom Szynakiewicz

Question:

Will the two pre-production verification tests per slide be paid for as a separate item?

Answer:

Submitted: Fri, 19-Jul-2013 9:30 MDT

The verification tests are included in the Performance Test bid item quantity. This item with a quantity of 29 each will be added by addenda.

-7-

Submitted: Tue, 16-Jul-2013 16:07 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

Special Provision 29. Waste of Excess Material - Part A. states "Place excess material in Contractor furnished locations outside of the limits of the project in Project Manager approved locations only."

How can the contractor secure and determine landowner and haul costs for a proposed waste area at bid time and be ensured that the proposed waste area, that is the contractor's responsibility, will be approved by the Project Manager if the contractor is awarded the project?

Answer: 11:12 MDT

Waste site approval is to insure that placement of excess waste material does not destabilize slopes, activate slide areas, or negatively affect roadways, property or services. Additionally, approval will be based on meeting the requirements of all applicable regulations, laws, contract requirements and obtaining the necessary permissions.

-8-

Submitted: Wed, 17-Jul-2013 10:44 MDT

Company: Oftedal Construction

Contact: Cameron Lundby

Question:

Based on the location and type of work, can Supplemental Specification 618.03.2 Para. A.4 be deleted from this project.

Answer:

Submitted: Mon. 22-Jul-2013 8:35 MDT

No.

-9-

Submitted: Wed, 17-Jul-2013 10:52 MDT

Company: Oftedal Construction

Contact: Cameron Lundby

Question:

Special provision 24 requires traffic to be on PMS from November 16 to April 15. Does this include the areas that currently have only gravel surfacing?

Answer:

Submitted: Fri, 19-Jul-2013 9:30 MDT

No. Special provision 24 states that traffic is to be routed on a PMS from November 16 to April 15 for the portions of the roadway with an existing PMS.

-10-

Submitted: Wed, 17-Jul-2013 14:31 MDT

Company: Macon Supply

Contact: Jeff Monaco

Question:

Where is the specification for the Turf Reinforcement Mat?

Answer:

Submitted: Fri, 19-Jul-2013 11:05 MDT

The linked Special Provision for Turf Reinforcement Mat is hereby added to this contract.

[TURF REINFORCEMENT MAT](#)

-11-

Submitted: Fri, 19-Jul-2013 16:33 MDT

Company: Macon Supply

Contact: Jeff Monaco

Question:

In the special provisions - page 39 & 40 - for the slide swale construction does the geomembrane liner need to be textured on both sides?

Answer:

Submitted: Tue, 23-Jul-2013 8:26 MDT

Yes, the geomembrane liner must be textured on both sides.

-12-

Submitted: Sat, 20-Jul-2013 07:44 MDT

Company: Donald B. Murphy Contractors, Inc.

Contact: Tom Armour

Question:

In Addendum-1 MTDOT included the four each verification anchor load testing with the 25 each production anchor performance anchors. How will MTDOT measure and pay for the furnishing and installation of the four each sacrificial verification anchors?

Since these anchors are sacrificial and different from the production anchors will MTDOT add a separate pay item?

Answer:

Submitted: Mon, 22-Jul-2013 14:47 MDT

No, the 4 sacrificial verification anchors will be paid under the same bid items as the performance anchors.

-13-

Submitted: Mon, 22-Jul-2013 06:45 MDT

Company: ALPINE SIGNS

Contact: JOHN O'BRIEN

Question:

All warning signs on the project are called out as Type IX reflective sheeting. Please clarify the intended materials.

Is this Florescent yellow and is it MDT's intention to use this material on warning signs on future projects? There is nothing in the Special Provisions identifying the sheeting and I have not seen it used before on MDT projects.

Answer:

Submitted: Mon, 22-Jul-2013 10:45 MDT

The Type IX florescent yellow sheeting called for in the plans is correct.

MDT will specify florescent sheeting on future projects on a project specific basis.

-14-

Submitted: Mon, 22-Jul-2013 08:34 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

Due to anticipated long lead procurement times for slope stabilization materials, ie. concrete blocks and post tensioned anchor materials, would MDT consider adding a minimum of an additional 30 working days of contract time?

Answer:

Submitted: Mon, 22-Jul-2013 14:46 MDT

Contract Time will remain 165 Working Days.

-15-

Submitted: Mon, 22-Jul-2013 08:37 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

Can installation of the concrete blocks and post tensioned anchors be performed during the winter shut down (Nov 15 - April 15) without contract time being charged, if two way uninterrupted traffic flow is maintained?

Answer:

Submitted: Mon. 22-Jul-2013 2:00 MDT

Please refer to Supplemental Specification 101.03.

"Working days will be charged during No Work Days for each day construction activities occur that have any impact on the traveling public....."

-16-

Submitted: Mon, 22-Jul-2013 08:39 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

What is the minimum ambient temperature requirement for installation of grout around the post tensioned anchors?

What is the minimum ground temperature requirement for installation of grout around the post tensioned anchors?

Answer:

Submitted: Mon, 22-Jul-2013 14:43 MDT

Please refer to Standard Specification 552.03.9 'Cold Weather Concreting' and the corresponding Supplemental Specifications.

202 - HAVRE EAST PHASE II

-1-

Addendum:

Submitted: Fri, 19-Jul-2013 11:40 MDT

An Addendum has been posted for this project. Please click on the following link to access the information:

[ADDENDUM](#)

To download the addendum bid file, click here: [BID FILES](#)

-1-

Clarification:

Submitted: Fri, 19-Jul-2013 11:20 MDT

The approach pipe at station 45+80 has changed from a 450 MM drainage pipe to a RCPA 1650 MM CL 3 pipe.

An addendum will be issued adjusting quantities for these pipes. The following links take you to revised plan and cross section sheets:

[REVISED PLAN SHEETS](#)

[REVISED X SECTIONS](#)

-1-

Submitted: Mon, 08-Jul-2013 16:00 MDT

Company: Prairie Hydroseeding

Contact: Bob Keeler

Question:

Item 44. Seeding around path.

1) The two (2) meter wide areas for seeding, are for each side of the path, correct?

2) The 70/30 straw coconut mat is for the complete path on both sides. This is from station 3+65.75 to 20+88.53.

This would mean approx. 17 stations on each side. This is roughly 3400 m2 on each side or about 6800 m2.

Do you still expect this item to be absorbed into the hectors of seeding or bid as a separate item. It's the same

for the path seed blend which would be 6800 m2. This also should be a separate item. Hopefully my estimates

are correct. Please clarify. I haven't been able to find anything in the details either.

Answer:

Submitted: Wed, 10-Jul-2013 16:00 MDT

The two (2) meter wide areas for seeding are for each side of the path where it is not adjacent to the plant mix.

See detail sheet No. 15 and the revised quantity frame for stations on plan sheet #9. An addendum will be issued

to change the Seeding Around the Bikepath to Seeding Area #4. Cost of the coconut erosion blanket will be included in the bid item for Seeding Area #4. The revised seeding special provision - #44 -Seeding Around Path - is hereby replaced with the seeding special that can be found at the following link along with a revised plan sheet #9:

[SEEDING AROUND PATH](#)
[REVISED PLAN SHEET 9](#)

-2-

Submitted: Thu, 18-Jul-2013 17:05 MDT

Company: TenCate Geosynthetics

Contact: Joshua Venters

Question:

In the Special Provisions Section 1, page 26, 34. Additional Subgrade Stabilization, B. Materials " Provide biaxial geogrid meeting the following requirements:"

The standard properties listed are more consistent with a geotextile, can a geotextile be used in place of a geogrid for this project?

Answer:

Submitted: Fri, 19-Jul-2013 12:40 MDT

Please strike the terms "biaxial geogrid" (section B, Materials), and "Geogrid" (section C, Method of measurement) and replace with "Geotextile" in both instances.

203 - MISSOURI RIVER - N & S

-1-

Submitted: Thu, 18-Jul-2013 08:32 MDT

Company: Riverside Contracting

Contact: Kurt Kaufman

Question:

SP 2 - Contract Time states "work begins on the effective date stated in the "Notice to Proceed" and is to be completed in 60 Working Days."

SP3 - Expedited Notice to Proceed states "This project will have an expedited Notice to Proceed. The awarded Contractor is required to submit the completed performance and material bonds, and insurance certificates five calendar days after the project is awarded, with the day after the award counting as the first day. The Notice to Proceed will be issued with an effective date set approximately ten days after the award date."

Our past history indicates it takes approximately 60 days to get a gravel pit permitted through the Department of Environmental Quality from the date in which a project is awarded.

Supplemental Specification 401.03.1 - Mix Design states "The Department has thirty calendar days from receipt

of the mix design materials and signed mix design documents to review the mix design."

With the Expedited Notice to Proceed, it will be impossible to get a gravel pit permitted, asphalt mix design reviewed by the Department, and complete the project in the time frame outlined in the Special Provisions. Does the Department intend to add additional contract time to allow for the contractor to get a gravel pit permitted and an asphalt mix design reviewed by the Department prior to issuing the Notice to Proceed? If not, should the Contractor add additional money to their bid price for liquidated damages to account for the additional time needed to complete the above mentioned items?

Answer:

Submitted: Mon, 22-Jul-2013 16:18 MDT

Due to the condition of the roadway, contract time cannot be changed. It is the Department's intent that the project be paved this year.

204 - D5 FLOOD RESTORATION/MT 11-1

-1-

Clarification:

Submitted: Tue, 16-Jul-2013 12:52 MDT

For bidding purposes, we offer the following clarification:

Sites 24, 34 and 35 are on the Crow Indian Reservation. The Contractor can break the reservation/non-reservation quantities by location using the summary frames in the plans. For the lump sum items (mobilization and erosion control, etc.), the reservation work contains approximately 6% of those items.

Special Provision No. 29, RIPRAP STOCKPILE is modified to include the following:

The approximate volume of riprap material at the stockpile site is approximately 5,614 CY, of which approximately 60% is 3-6' diameter and 40% is 3' diameter or less. The Department does not guarantee the quantity or quality of this material and it must be reviewed by the Contractor prior to bid if they are to consider it as a source.

No Questions at this time.

205 - EROSION REPAIR-W MILES CITY/MT 11-1 & SUNDAY CREEK/MT 11-1

-1-

Submitted: Wed, 17-Jul-2013 11:46 MDT

Company: Gabions, Inc.

Contact: Erv Niehaus

Question:

On the specifications for gabions, you require hexagonal shaped mesh openings measuring not more than 3.25 in. in maximum dimension and 9-gage wire. The standard specifications for hexagonal shaped mesh is a mesh opening of 3.25 x 5.4 constructed out of 11-gage wire. The mesh edge wire and selvedge wire is 9-gage. The lacing wire for binding the gabion units together is 13.5-gage wire I would request that the specifications be amended to allow the furnishing of standard, industry wide, gabions.

Answer:

Submitted: Fri, 19-Jul-2013 16:44 MDT

Mesh opening may not exceed a nominal dimension of 3.25 inches. Mesh edge, selvedge, and lacing wire require 9-gage wire minimum.

-2-

Submitted: Wed, 17-Jul-2013 12:59 MDT

Company: Macon Supply

Contact: Jeff Monaco

Question:

The specification for the gabion basket calls for 9 gauge welded wire gabions. Would 11 gauge twisted woven gabions be acceptable?

Answer:

Submitted: Fri, 19-Jul-2013 16:46 MDT

No, wire mesh must be 9-gauge minimum.

-3-

Submitted: Mon, 22-Jul-2013 08:51 MDT

Company: Gabion, Inc.

Contact: Erv Niehaus

Question:

We can supply 9 gauge welded wire gabions in a 3"x 3" configuration. Would these be acceptable?

Answer:

Submitted: Tue, 23-Jul-2013 8:54 MDT

A smaller opening such as 3"x3" would be acceptable.